

Title (en)
METHOD FOR MANUFACTURING HONEYCOMB STRUCTURE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER WABENSTRUKTUR

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE STRUCTURE EN NID D'ABEILLE

Publication
EP 2851170 B1 20190821 (EN)

Application
EP 12876647 A 20120514

Priority
JP 2012062306 W 20120514

Abstract (en)
[origin: EP2851170A1] The method for manufacturing a honeycomb structured body of the present invention includes a honeycomb molded body preparing step of preparing a honeycomb molded body in which a large number of cells are longitudinally disposed in parallel with one another with a cell wall interposed therebetween; a degreasing step of degreasing the honeycomb molded body into a honeycomb degreased body; and a firing step of firing the honeycomb degreased body into a porous silicon carbide honeycomb fired body, wherein the honeycomb molded body containing silicon carbide particles, pore-forming material particles, and a silicon carbide precursor that is to be converted into silicon carbide at a temperature of higher than a degreasing temperature.

IPC 8 full level
B01D 39/20 (2006.01); **B01D 46/00** (2006.01); **B28B 3/20** (2006.01); **F01N 3/022** (2006.01)

CPC (source: EP)
C04B 35/565 (2013.01); **C04B 35/6316** (2013.01); **C04B 37/005** (2013.01); **C04B 38/0006** (2013.01); **C04B 2111/00793** (2013.01); **C04B 2235/3826** (2013.01); **C04B 2235/483** (2013.01); **C04B 2235/5445** (2013.01); **C04B 2235/606** (2013.01); **C04B 2237/083** (2013.01); **C04B 2237/09** (2013.01); **C04B 2237/365** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2851170 A1 20150325; **EP 2851170 A4 20151125**; **EP 2851170 B1 20190821**; JP 5926375 B2 20160525; JP WO2013171824 A1 20160107; WO 2013171824 A1 20131121

DOCDB simple family (application)
EP 12876647 A 20120514; JP 2012062306 W 20120514; JP 2014515368 A 20120514